

FLOORING LAMINATE TECHNICAL DATA SHEET

ASD FLOORING LAMINATE; less than 2 mm thick, according to EN 438-5 consisting of the surface layer on one side, having decorative colours are impregnated with melamine based resins and a core made of layers of kraft paper impregnated with phenolic based resins.

Application examples: living room, entrees, hallways etc.

HGS	Horizontal Grade Standard Laminate	EXAMPLES OF TYPICAL APPLICATIONS
		Kitchen and office working surfaces, restaurant and hotel tables, doors and wall coverings in public areas, interior walls of public transport vehicles
VGS	Vertical Grade Standard Laminate	EXAMPLES OF TYPICAL APPLICATIONS
		Front panels for kitchen, office and bathroom furniture, wall coverings, ceiling panels, shelves and furniture elements

PROPERTIES	TEST METHOD	PROPERTY OR ATTRIBUTE	UNIT (max or min)	VALUES
				AC2

SURFACE QUALITY

Surface Quality	EN 438-5	Spots, dirt and similar surface defects	mm ² /m ²	≤1
		Fibres, hairs and scratches	mm/m ²	≤10

DIMENSIONAL TOLERANCES

Dimensional Tolerances	EN 438-2.5 EN 438-2.5	Thickness tolerance	mm	0,5≤t≤1: +/-0,10
			mm	1,0<t<2,0: +/-0,15
	EN 438-2.6	Length and width	mm	+10/-0
	EN 438-2.7	Staightness of edges	mm/m	≤1,5
	EN 438-2.8	Squareness	mm/m	≤1,5
	EN 438-2.9	Flatness	mm/m	≤ 60

GENERAL PROPERTIES

Resistance to surface wear	EN 438-2.10	Initial Point	Revolutions	≥ 1800
Resistance to water vapour	EN 438-2.14	Appearance (other finishes)	Rating (min)	4
Dimensional stability at elevated temperature	EN 438-2.17	Cumulative dimensional change	t<1 Longitudinal %	≤0,65
		Cumulative dimensional change	t<1 Transversal %	≤1,15
		Cumulative dimensional change	1≤t<2 Longitudinal %	≤0,45
		Cumulative dimensional change	1≤t<2 Transversal %	≤0,90
Resistance to impact with small diameter ball	EN 438-2.20	Spring force	N	≥ 20
Resistance to impact with large diameter ball	EN 438-2.21	Drop height	mm	≥ 1600
		Indentation diameter	mm	≤10
Resistance to straining	EN 438-2.26	Appearance-Groups 1&2	Rating (min)	5
		Appearance-Group 3	Rating (min)	4
Light fastness (xenon arc)	EN 438-2.27	Contrast	Grey scale rating	4-5
Resistance to cracking under stress (optimal)	EN 438-2.23	Appearance	Rating (min)	4
Resistance to blistering	EN 438-2.33 or 34	Nominal thickness < 0,8 mm	Seconds	≥ 10
		Nominal thickness ≥ 0,8 mm		≥ 15
Density	EN ISO 1183	Density	g/cm ³	≥ 1,35